WHAT IS CLAIMED IS:

1. A reproduction method for reproducing BCA (Burst Cutting Area) data for optical discs, comprising the steps of:

generating a defect signal as a BCA signal by detecting an RF (Radio Frequency) signal of the BCA;

generating a BCA data bit stream by sampling the BCA signal according to a sampling clock; and

decoding the BCA data bit stream to generate BCA data.

2. The method according to claim 1, wherein the decoding step comprises the step of demodulating channel bit, detecting sync, checking error-correction-code, and checking error-detection-code the BCA data bit stream to generate the BCA data.

3. The method according to claim 1, wherein the step of generating the defect signal is to compare a ripple amplitude signal of the RF signal of BCA to the ripple amplitude signal after being low-pass filtered, so as to generate the defect signal.

4. A BCA data reproduction apparatus for optical discs, the reproduction apparatus comprising:

a defect detector for receiving an RF (Radio Frequency) signal and generating a defect signal according to the RF signal, the defect signal serving as a BCA signal;

a sampling unit for sampling the BCA signal according to a sampling clock to generate a BCA data bit stream; and

a decoder for decoding to generate BCA data according to the BCA data bit

stream.

5. The reproduction apparatus according to claim 4, wherein the defect detector comprises:

a ripple amplitude detector for receiving the RF signal and generating a ripple amplitude signal of the RF signal;

a low-pass filter for filtering out high-frequency components of the ripple amplitude signal of the RF signal to generate a filtered signal; and

a defect decision unit for comparing the ripple amplitude signal to the filtered signal to generate the defect signal.

6. The reproduction apparatus according to claim 4, further comprising a frequency divider for receiving a reference clock and generating the sampling clock.